

Digital Signal Route Determination Method

ABSTRACT OF THE DISCLOSURE

In a method of routing digital signals based on criteria defined by the user all messages receive a prioritization based on the criteria defined by the individual user. Based on this guidance, each digital message is Tagged so that Overlay software can determine the prioritization that will be applied to the message and subsequently which media or route will be used and when a message should be sent. The Overlay software uses embedded look-up tables, which define available routes so that prioritization decisions can be made, real-time, based on route status or cost, and prioritization algorithms or a combination of both to determine the most appropriate media or route to send a message. The Overlay software also counts each message, the route used, and the time sent to enable accounting verification at an appropriate time in the future.